

105368981 mm/dd/yyyy>

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(CS) field  
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NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for  
U.S. patents  
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in  
CAS REGISTRY  
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM  
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|                      |            |         |
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| FULL ESTIMATED COST  | 0.22       | 0.22    |

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STRUCTURE FILE UPDATES: 11 OCT 2009 HIGHEST RN 1187821-89-1

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

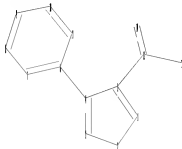
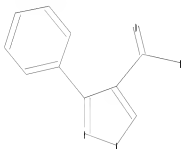
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ring nodes :
1 2 3 4 5 6 7 8 9 10 11
chain bonds :
4-6 5-12 12-13 12-14
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11
exact/norm bonds :
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exact bonds :
1-5 4-5 4-6 5-12
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11
isolated ring systems :
containing 1 : 6 :
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Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:CLASS 13:CLASS 14:CLASS

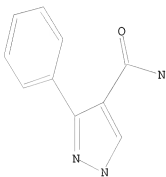
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L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 06:10:13 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2357 TO ITERATE

84.9% PROCESSED 2000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

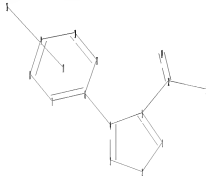
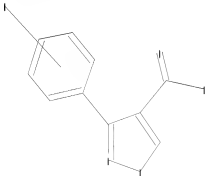
PROJECTED ITERATIONS: 44228 TO 50052

PROJECTED ANSWERS: 5121 TO 7229

L2 50 SEA SSS SAM L1

=>

Uploading C:\Program Files\Stnexp\Queries\105368984.str



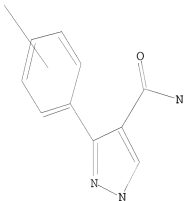
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ring nodes :  
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chain bonds :  
4-6 5-12 12-13 12-14  
ring bonds :  
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exact/norm bonds :  
1-2 2-3 3-4 12-13 12-14  
exact bonds :  
1-5 4-5 4-6 5-12  
normalized bonds :  
6-7 6-11 7-8 8-9 9-10 10-11  
isolated ring systems :  
containing 1 : 6 :

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:CLASS 13:CLASS 14:CLASS 16:CLASS 17:Atom

L3 STRUCTURE UPLOADED

=> d  
L3 HAS NO ANSWERS  
L3 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 06:12:56 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2357 TO ITERATE

84.9% PROCESSED 2000 ITERATIONS 3 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

105368981 mm/dd/yyyy>

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 44228 TO 50052  
PROJECTED ANSWERS: 3 TO 182

L4 3 SEA SSS SAM L3

=> s 13 full  
FULL SEARCH INITIATED 06:13:03 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 48971 TO ITERATE

100.0% PROCESSED 48971 ITERATIONS 34 ANSWERS  
SEARCH TIME: 00.00.01

L5 34 SEA SSS FUL L3

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 187.80 188.02

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FILE COVERS 1907 - 13 Oct 2009 VOL 151 ISS 16  
FILE LAST UPDATED: 11 Oct 2009 (20091011/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 15  
L6 5 L5

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=> d ibib abs hitstr tot



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16 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)  
 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-phenyl-  
 (CA INDEX NAME)



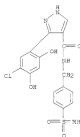
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 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-(4-methoxyphenyl)- (CA INDEX NAME)



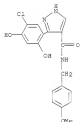
20 705963-42-4 CAPLOS  
 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-(4-chlorophenyl)- (CA INDEX NAME)



16 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)



20 705963-48-2 CAPLOS  
 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-[[4-methoxyphenyl)methyl]- (CA INDEX NAME)



20 705963-49-5 CAPLOS  
 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-[[4-fluorophenyl)methyl]- (CA INDEX NAME)

16 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)



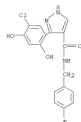
20 705963-43-5 CAPLOS  
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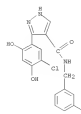
20 705963-44-6 CAPLOS  
 18-Pyrazole-4-carboxamide, N-[[4-(acetoxymethyl)phenyl)methyl]-3-(5-chloro-2,4-dihydroxyphenyl)- (CA INDEX NAME)



16 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)



20 705963-51-5 CAPLOS  
 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-[[3-methoxyphenyl)methyl]- (CA INDEX NAME)

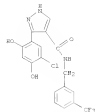


20 705963-52-6 CAPLOS  
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L6 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STN (Continued)



IN 705963-68-1 CAPLOS  
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3-(5-chloro-2,4-dihydroxyphenyl)-N-(4-methoxyphenyl)- (CA INDEX NAME)



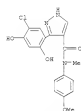
IN 705963-67-3 CAPLOS  
CN 15-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-(2-furylmethyl)- (CA INDEX NAME)

L6 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STN (Continued)

IN 705963-77-5 CAPLOS  
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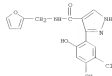


IN 705963-79-7 CAPLOS  
CN 15-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-(4-methoxyphenyl)-N-methyl- (CA INDEX NAME)



OS CITING REF COUNT: 27 THERE ARE 27 CAPLOS RECORDS THAT CITE THIS  
RECORD (27 CITINGS)  
REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L6 ANSWER 3 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STN (Continued)



IN 705963-72-0 CAPLOS  
CN 15-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-(4-methoxyphenyl)- (CA INDEX NAME)



IN 705963-73-1 CAPLOS  
CN 15-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-(3-methoxyphenyl)- (CA INDEX NAME)



L6 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2004:400722 CAPLOS  
DOCUMENT NUMBER: 141:64311  
TITLE: Preparation of 3-(5-hydroxyphenyl)-1H-pyrazole-4-carboxamide as HSP90 inhibitors for the treatment of cancer  
INVENTOR(S): Beachly, Mandy Christine; Brough, Paul Andrew; Drysdale, Martin James; Dymock, Brian William  
PATENT ASSIGNEE(S): Verastat (Cambridge) Limited, UK; Cancer Research Technology Ltd.; The Institute of Cancer Research  
SOURCE: RCT Int. Appl., 45 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. MEM. COUNT: 1  
PATENT INFORMATION:

| PATENT NO.     | KIND   | DATE   | APPLICATION NO. | DATE             |
|----------------|--|--|-----------------|------------------|
| WO 2004/050087 | A1   | 20040617   | WO 2003-083275  | 20031004         |
| WI             | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BY, BR, CA, CH, CN, CO, CU, CY, CZ, DE, DK, DM, DO, ES, FI, FR, GB, GR, HU, IL, IN, JP, KE, KG, KH, KR, KZ, LA, LB, LG, LT, LU, LV, MD, MG, MN, MO, MP, MQ, MT, MU, NC, NE, NG, NI, NL, NO, NZ, OM, OS, PA, PE, PG, PH, PK, PL, PT, RU, SA, SG, SI, SK, SL, SM, SN, SV, TH, TM, TR, TT, TS, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW   |  |                 |                  |
| BM             | BM, BR, BY, BG, BE, BF, BO, BV, BW, BY, BZ, CA, CB, CC, CE, CF, CG, CH, CI, CL, CM, CN, CO, CR, CU, CV, CZ, DE, DG, DK, DL, DM, DO, DZ, EC, EE, EG, EH, EI, EL, EN, ES, ET, FI, FF, FG, FH, FK, FL, FM, FN, FO, FR, GE, GF, GH, GI, GL, GN, GP, GR, GT, GU, GW, GY, HA, HB, HC, HD, HE, HF, HG, HH, HI, HM, HN, HR, HS, HT, HU, HV, HW, HX, HY, IZ, IB, ID, IE, IF, IG, IH, II, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KR, KS, KT, KU, KV, KW, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ |  |                 |                  |
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| AD             | 2003285584   | A1   | 20040623        | AD 2003-285584   |
| EP             | 1567131  | A1   | 20050931        | EP 2003-778933   |
| EP             | 1567131  | B1   | 20060315        |                  |
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| BR             | 2003051646   | BR   | 2003051646      | 20031004         |
| CN             | 1744894  | A  | 20060308        | CN 2003-80109107 |
| JP             | 200610627  | T  | 20060330        | JP 2004-566706   |
| AT             | 310265   | T  | 20060415        | AT 2003-778933   |
| US             | 2007012132   | A1   | 20070517        | US 2006-536898   |

PRIORITY APPL. INFO.:  
OTHER SOURCE(S):  
G2  
W/ 2003-083275 W 20031004  
ABSTRACT 141:54321



16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STN (Continued)  
 AB This compds: [3, 11; Ar = [further substituted] 2-hydroxyaryl, 2-hydroxyheteroaryl; R<sup>1</sup> = H, [substituted] alkyl; R<sup>2</sup> = H, [substituted] cycloalkyl, cycloalkenyl, alkyl, alkenyl, alkyne, carboxyl, carboxamide, carbonyl ester group; R<sup>3</sup> = carboxamide group], were prepared. Thus, C-17-(4-aminocarbonyl)-N-(4-methyl, 4'-methoxymethyl)benzofurocarbamate, 3-(12,4-bisbenzofuro-6-chlorophenyl)-1(2)-(2-trimethylsilyl)ethyl-18-pyrazole-4-carboxylic acid [preparation given], 4-aminoacetophenone, and diisopropylamine were heated together in DMF at 150°C for 5 min using microwave heating and the mixture was kept 2 h at ambient temperature to give a residue which was stirred overnight with NaCl<sub>3</sub> in CH<sub>2</sub>Cl<sub>2</sub> to give 3-(5-chloro-2,4-dihydroxyphenyl)-18-pyrazole-6-carboxylic acid (4-acetylphenylamide). The latter showed 100% <50 µM in the malic acid green ATPase assay using yeast HSP90.

17 705963-39-4P 705963-40-2P 705963-41-3P  
 705963-42-4P 705963-43-5P 705963-44-6P  
 705963-44-7P 705963-45-8P 705963-47-9P  
 705963-48-0P 705963-49-1P 705963-50-4P  
 705963-51-5P 705963-52-6P 705963-53-7P  
 Na<sup>+</sup> PGC [Pharmacological activity]; STM [Synthetic preparation]; TSD [Therapeutic use]; BCL [Biological study]; PREP [Preparation]; USES [Uses]  
 as HSP90 inhibitors for the treatment of cancer)

18 18-Pyrazole-4-carboxamide, N-[4-(acetylphenyl)-3-(5-chloro-2,4-dihydroxyphenyl)]- (CA INDEX NAME)

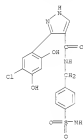


19 705963-40-2 CAPLOS  
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 (CA INDEX NAME)

16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STN (Continued)  
 dihydroxyphenyl)]- (CA INDEX NAME)



20 705963-44-6 CAPLOS  
 CH 18-Pyrazole-4-carboxamide,  
 N-[[4-(aminomethyl)phenyl]methyl]-3-(5-chloro-2,4-dihydroxyphenyl)- (CA INDEX NAME)



21 705963-43-7 CAPLOS  
 CH 18-Pyrazole-4-carboxamide, N-[4-(aminocarbonyl)phenyl]-3-(5-chloro-2,4-dihydroxyphenyl)- (CA INDEX NAME)

16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STN (Continued)



22 705963-41-3 CAPLOS  
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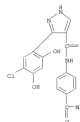


23 705963-42-4 CAPLOS  
 CH 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-(4-chlorophenyl)- (CA INDEX NAME)



24 705963-43-5 CAPLOS  
 CH 18-Pyrazole-4-carboxamide, N-[4-(acetylaminophenyl)-3-(5-chloro-2,4-dihydroxyphenyl)]- (CA INDEX NAME)

16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STN (Continued)



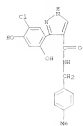
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 CH Benzoic acid, 4-[[3-(5-chloro-2,4-dihydroxyphenyl)-18-pyrazol-4-yl]carbamyl]amino]- (CA INDEX NAME)



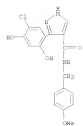
26 705963-47-9 CAPLOS  
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16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)

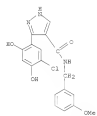


RN 705963-49-0 CAPLOS  
CN 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-8-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

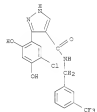


RN 705963-49-1 CAPLOS  
CN 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-8-[(4-ethoxyphenyl)methyl]- (CA INDEX NAME)

16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)

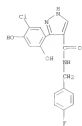


RN 705963-52-6 CAPLOS  
CN 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-8-[(3-tetrafluoromethylphenyl)methyl]- (CA INDEX NAME)

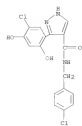


RN 705963-53-7 CAPLOS  
CN 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-8-[(3-methylsulfonylphenyl)methyl]- (CA INDEX NAME)

16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)

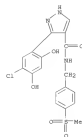


RN 705963-50-4 CAPLOS  
CN 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-8-[(4-chlorophenyl)methyl]- (CA INDEX NAME)

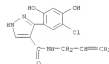


RN 705963-51-5 CAPLOS  
CN 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-8-[(3-methoxyphenyl)methyl]- (CA INDEX NAME)

16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)



17 705963-62-8P 705963-65-1P 705963-66-2P  
705963-67-3P 705963-68-4P 705963-70-6P  
705963-71-9P 705963-72-0P 705963-73-1P  
705963-74-2P 705963-75-3P 705963-76-4P  
705963-77-5P 705963-78-6P 705963-79-7P  
705963-80-8P  
EL: PKC (Pharmacological activity); RSM (Synthetic preparation); TSU (Therapeutic use); BTOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of hydroxyphenylpyrazolecarboxamides as HSP90 inhibitors for the treatment of cancer)  
For 705963-62-8 CAPLOS  
CN 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-8-(2-propen-1-yl)- (CA INDEX NAME)

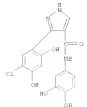


RN 705963-65-1 CAPLOS  
CN 18-Pyrazole-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-8-[(3-(4-morpholinyl)propyl)- (CA INDEX NAME)

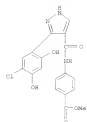


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16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STM (Continued)  
dihydroxyphenyl)- (CA INDEX NAME)

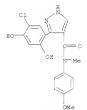


RI 705963-76-4 CAPLOS  
CI Benzoic acid, 4-[[[3-(5-chloro-2,4-dihydroxyphenyl)-18-pyrazol-4-yl]carboxyl]amino], methyl ester (CA INDEX NAME)

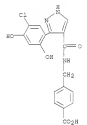


RI 705963-77-5 CAPLOS  
CI 18-Pyrazolo-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-methylmethyl)- (CA INDEX NAME)

16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STM (Continued)



RI 705963-80-8 CAPLOS  
CI Benzoic acid, 4-[[[3-(5-chloro-2,4-dihydroxyphenyl)-18-pyrazol-4-yl]carboxyl]amino]methyl)- (CA INDEX NAME)

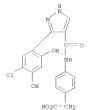


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16 ANSWER 4 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STM (Continued)



RI 705963-78-4 CAPLOS  
CI Benzoic acid, 4-[[[3-(5-chloro-2,4-dihydroxyphenyl)-18-pyrazol-4-yl]carboxyl]amino]- (CA INDEX NAME)



RI 705963-79-7 CAPLOS  
CI 18-Pyrazolo-4-carboxamide, 3-(5-chloro-2,4-dihydroxyphenyl)-N-methyl-4-ylcarboxylamino)-N-methyl- (CA INDEX NAME)

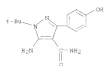
16 ANSWER 5 OF 5 CAPLOS COPYRIGHT 2009 ACS ON STM  
ACCESSION NUMBER: 200145790  
DOCUMENT NUMBER: 13545790  
TITLE: Multitargeting protein kinase inhibitors  
INVENTOR(S): Gelfand, John R.; Jia, Yu-hua; Mammen, Nathan;  
Marques, Daniel; Moray, Edmund J.; Weay, Jonathan W.  
Advanced Medicines, Inc., USA  
PCT Int. Appl., 252 pp.  
SOURCE: CORDIS PEX22  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ICC, NUM. COUNT: 1  
PATENT INFORMATION: 1

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2001042243   | A2   | 20010614 | WO 2000-093301  | 20010207 |
| WO 2001042243   | A2   | 20010207 |                 |          |
| WI AE, AU, AT, BR, CA, CH, CN, DE, DK, EP, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, MX, MY, NL, NO, NZ, PL, PT, RU, SE, SG, SI, SK, TH, TR, TW, UA, US, VN, ZA, ZM |      |          |                 |          |
| WI AE, AU, AT, BR, CA, CH, CN, DE, DK, EP, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, MX, MY, NL, NO, NZ, PL, PT, RU, SE, SG, SI, SK, TH, TR, TW, UA, US, VN, ZA, ZM |      |          |                 |          |
| US 20020002169  | A1   | 20020103 | US 2000-732439  | 20010207 |
| US 2002017600   | A1   | 20021128 | US 2002-93068   | 20020306 |
| US 20040235870  | A1   | 20041125 | US 2004-824005  | 20040414 |
| US 7079212  | B2   | 20040502 |                 |          |
| US 20050261318  | A1   | 20051114 | US 2005-178736  | 20050711 |
| US 7173239  | B2   | 20070206 |                 |          |
| PRIORITY APPL. INFO.:   |      |          |                 |          |
| US 1999-169946P   | P    | 19991208 |                 |          |
| US 1999-266316P   | A    | 19991208 |                 |          |
| US 1999-456594  | A    | 19991208 |                 |          |
| US 2000-732439  | A    | 20001207 |                 |          |
| US 2002-93068   | A3   | 20020306 |                 |          |
| US 2004-824005  | A1   | 20040414 |                 |          |

OTHER SOURCE(S): MAPPAT 13545790  
RE Disclosed are multitargeting compounds, 1gpc [wherein 1 = a liquid which is a protein kinase inhibitory R = a linker p = 2-10 q = 1-20], which inhibit or modulate the activity of protein kinases and pharmaceutical compounds containing such compounds. A number of diivalent propeptic examples, each containing two substituted pyrimidines, benzimidazoles, heterocyclic groups, amino acid derivative, etc. and a difunctional linker, are given. The multitargeting compounds of this invention are useful for treating diseases or medical disorders mediated by protein kinases (no data).  
IT 110108-70-E  
RI FROM (Prophetic)  
RI FROM (Multitargeting protein kinase inhibitors)

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LE ABSTRACT 5 OF 5 CAPLUS COPYRIGHT 2009 ACS on STM (Continued)  
PI 1101108-70-6 CAPLUS  
CI 16-Pyrazole-4-carboxamide, 5-amino-2-[1,1-dimethylethyl]-3-[4-hydroxyphenyl]- (CA, TRADE NAME)



OS\_CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS  
RECORD (5 CITINGS)  
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE  
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